

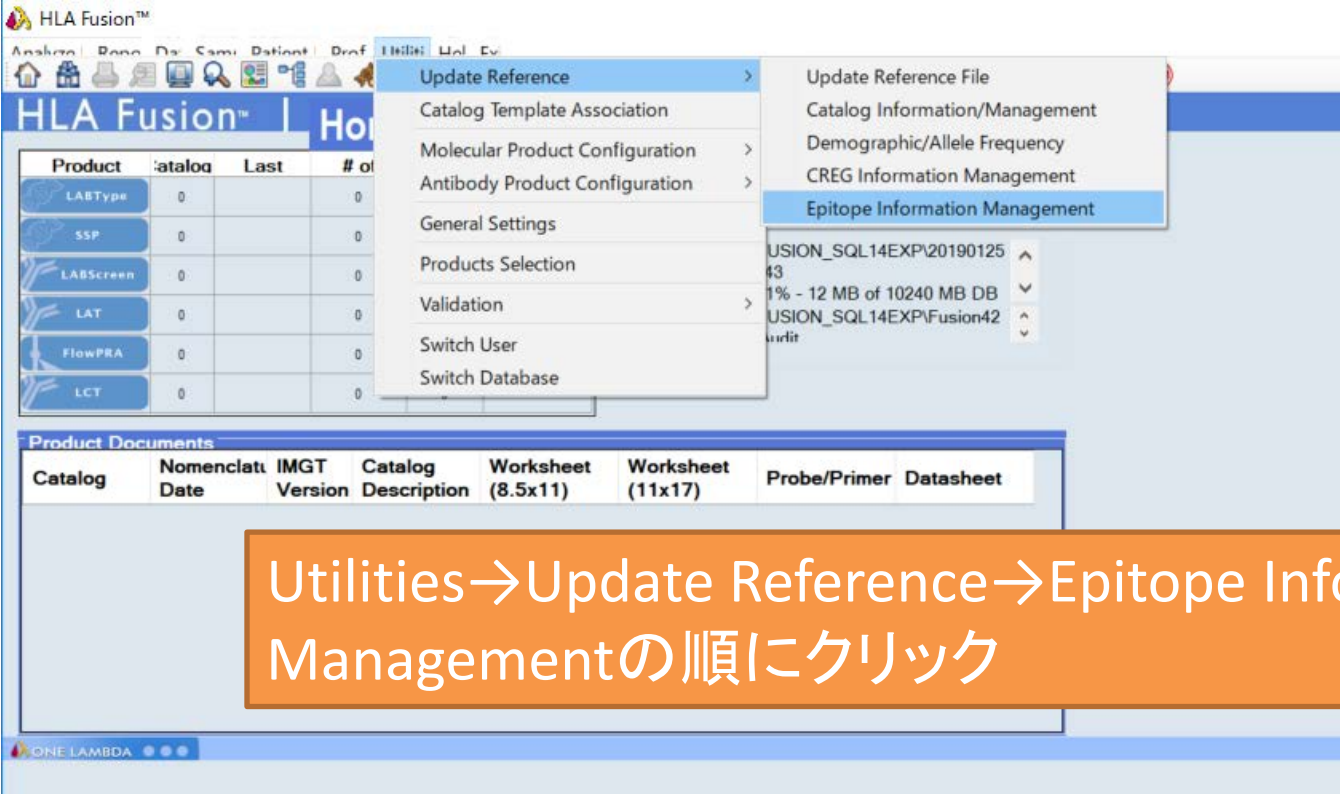


# HLA Fusion MatchMaker 解析ファイルのインポート

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# インポート手順-1

解析用ファイル(Excelファイル)はClass1,Class2,MICAの3種類があります。



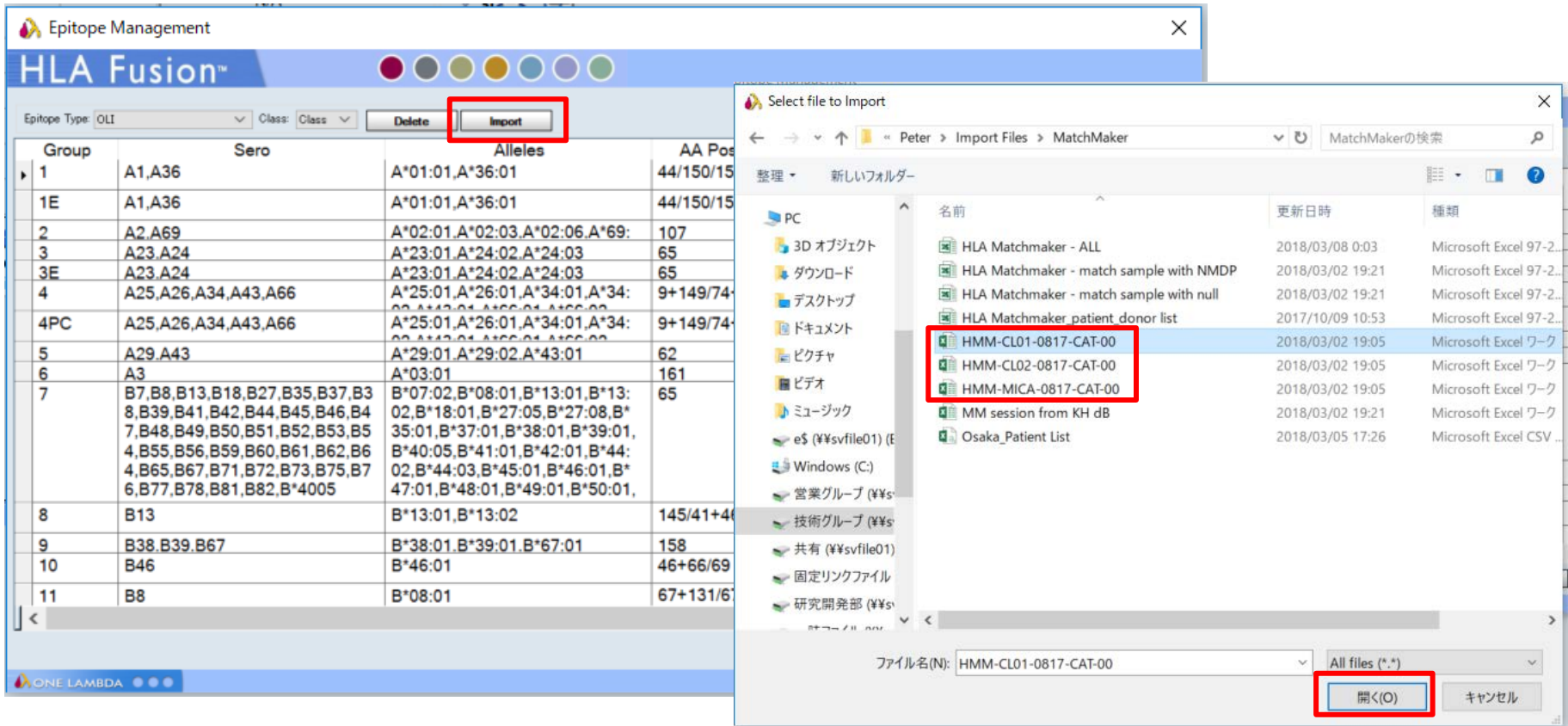
The screenshot shows the HLA Fusion software interface. The 'Utilities' menu is open, and the 'Update Reference' option is selected, which has opened a sub-menu. In this sub-menu, 'Epitope Information Management' is highlighted. Below the menu, there is a table with columns: Product, Catalog, Last, and # of. The table lists several products: LABType, SSP, LABScreen, LAT, FlowPRA, and LCT, all with a value of 0 in the '# of' column.

Product	Catalog	Last	# of
LABType	0		0
SSP	0		0
LABScreen	0		0
LAT	0		0
FlowPRA	0		0
LCT	0		0

Below the table, there is a 'Product Documents' section with a table with columns: Catalog, Nomenclature, IMGT, Catalog, Worksheet, Worksheet, Probe/Primer, and Datasheet. The table is currently empty.

Utilities → Update Reference → Epitope Information Management の順にクリック

# インポート手順-2

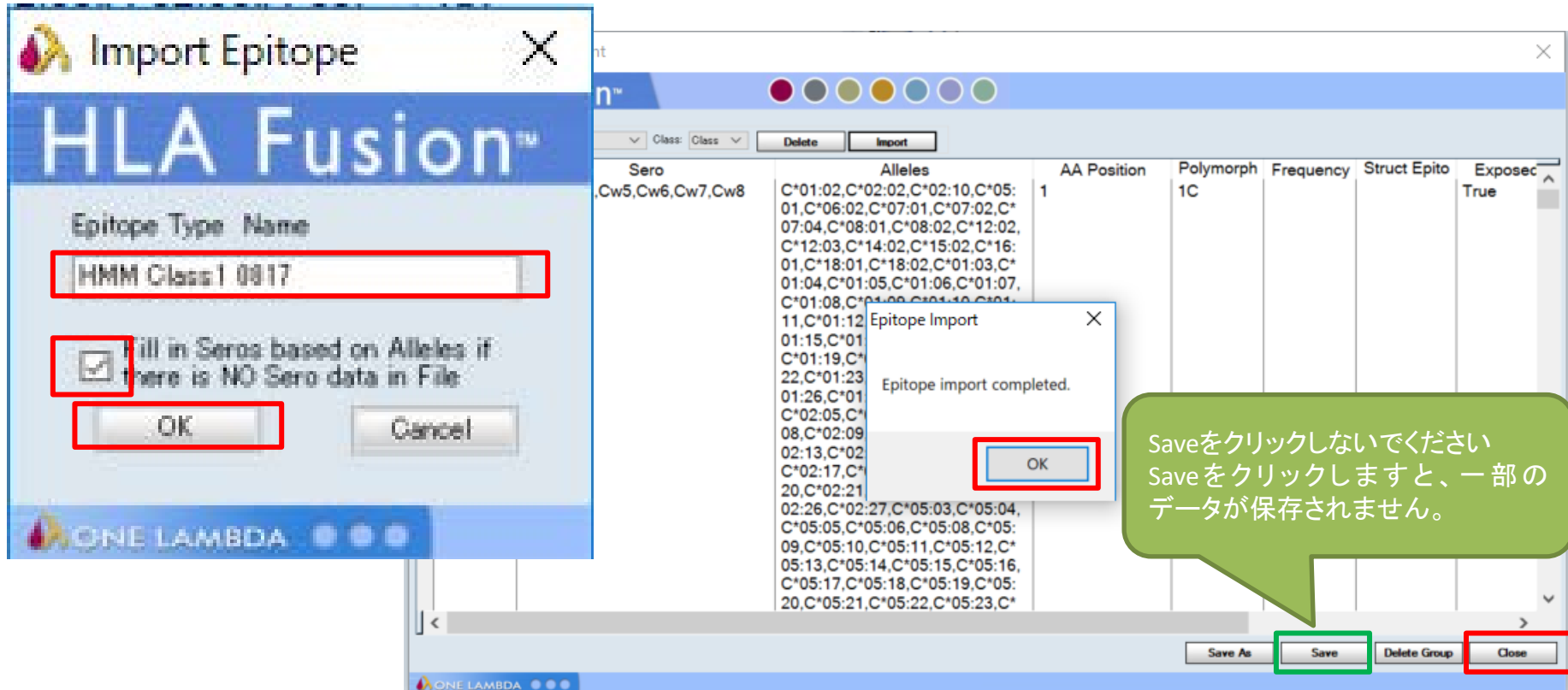


The screenshot shows the Epitope Management software interface. The main window is titled "HLA Fusion" and displays a table of epitope data. The "Import" button is highlighted with a red box. A "Select file to Import" dialog box is open, showing a list of files in the "Import Files > MatchMaker" directory. The file "HMM-CL01-0817-CAT-00" is selected and highlighted with a red box. The "開く(O)" (Open) button is also highlighted with a red box.

Group	Sero	Alleles	AA Pos
1	A1,A36	A*01:01,A*36:01	44/150/15
1E	A1,A36	A*01:01,A*36:01	44/150/15
2	A2,A69	A*02:01,A*02:03,A*02:06,A*69:02	107
3	A23,A24	A*23:01,A*24:02,A*24:03	65
3E	A23,A24	A*23:01,A*24:02,A*24:03	65
4	A25,A26,A34,A43,A66	A*25:01,A*26:01,A*34:01,A*34:02,A*43:01,A*66:01,A*66:02	9+149/74
4PC	A25,A26,A34,A43,A66	A*25:01,A*26:01,A*34:01,A*34:02,A*43:01,A*66:01,A*66:02	9+149/74
5	A29,A43	A*29:01,A*29:02,A*43:01	62
6	A3	A*03:01	161
7	B7,B8,B13,B18,B27,B35,B37,B38,B39,B41,B42,B44,B45,B46,B47,B48,B49,B50,B51,B52,B53,B54,B55,B56,B59,B60,B61,B62,B64,B65,B67,B71,B72,B73,B75,B76,B77,B78,B81,B82,B*4005	B*07:02,B*08:01,B*13:01,B*13:02,B*18:01,B*27:05,B*27:08,B*35:01,B*37:01,B*38:01,B*39:01,B*40:05,B*41:01,B*42:01,B*44:02,B*44:03,B*45:01,B*46:01,B*47:01,B*48:01,B*49:01,B*50:01,	65
8	B13	B*13:01,B*13:02	145/41+4
9	B38,B39,B67	B*38:01,B*39:01,B*67:01	158
10	B46	B*46:01	46+66/69
11	B8	B*08:01	67+131/6

Importをクリックし、ファイルを選択→開くをクリック  
1度にインポートできるファイルは1つのみです。

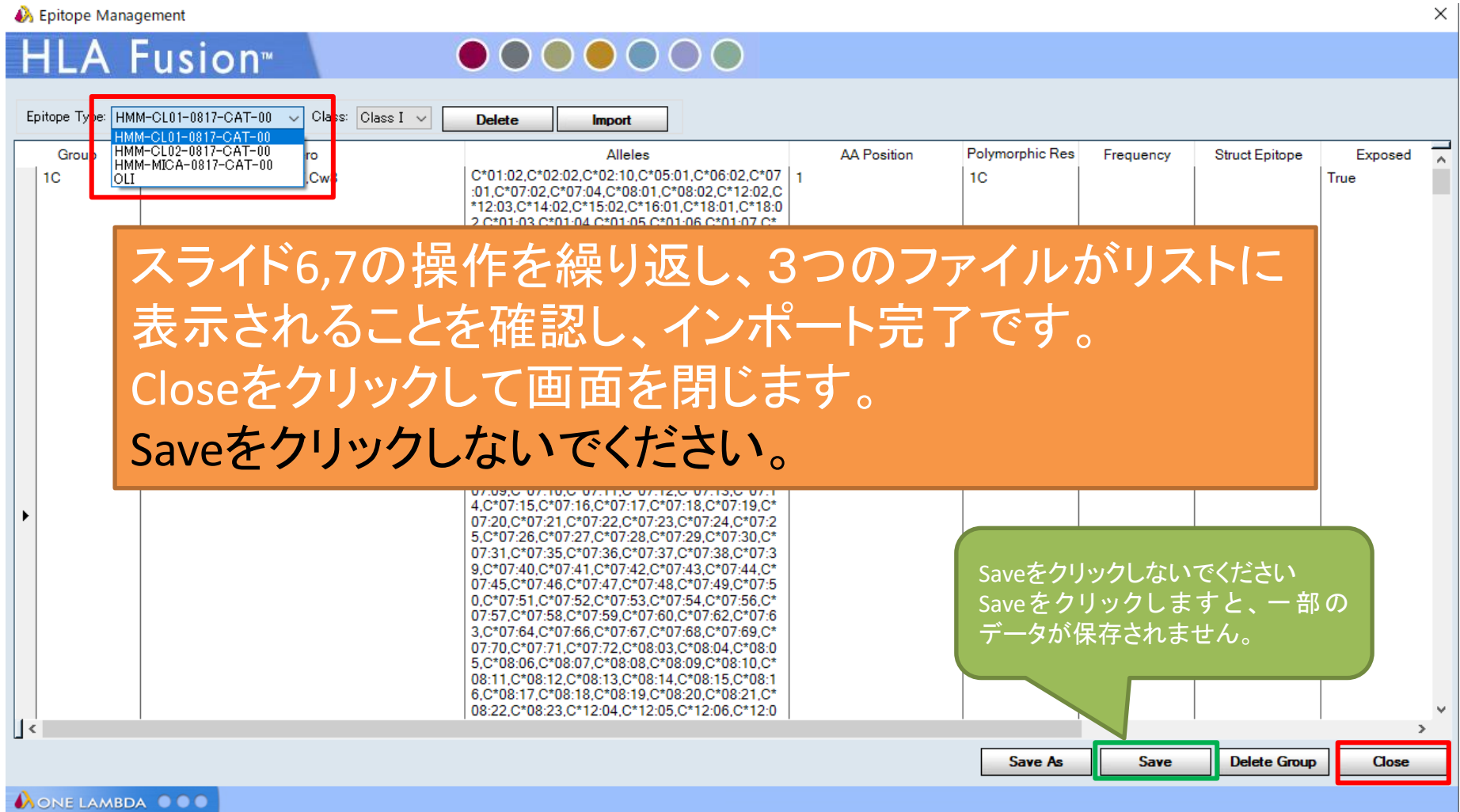
# インポート手順-3



Sero	Alleles	AA Position	Polymorph	Frequency	Struct Epito	Exposec	
Cw5,Cw6,Cw7,Cw8	C*01:02,C*02:02,C*02:10,C*05:01,C*06:02,C*07:01,C*07:02,C*07:04,C*08:01,C*08:02,C*12:02,C*12:03,C*14:02,C*15:02,C*16:01,C*18:01,C*18:02,C*01:03,C*01:04,C*01:05,C*01:06,C*01:07,C*01:08,C*01:09,C*01:10,C*01:11,C*01:12,C*01:15,C*01:16,C*01:17,C*01:18,C*01:19,C*01:20,C*01:21,C*01:22,C*01:23,C*01:24,C*01:25,C*01:26,C*01:27,C*01:28,C*01:29,C*01:30,C*01:31,C*01:32,C*01:33,C*01:34,C*01:35,C*01:36,C*01:37,C*01:38,C*01:39,C*01:40,C*01:41,C*01:42,C*01:43,C*01:44,C*01:45,C*01:46,C*01:47,C*01:48,C*01:49,C*01:50,C*01:51,C*01:52,C*01:53,C*01:54,C*01:55,C*01:56,C*01:57,C*01:58,C*01:59,C*01:60,C*01:61,C*01:62,C*01:63,C*01:64,C*01:65,C*01:66,C*01:67,C*01:68,C*01:69,C*01:70,C*01:71,C*01:72,C*01:73,C*01:74,C*01:75,C*01:76,C*01:77,C*01:78,C*01:79,C*01:80,C*01:81,C*01:82,C*01:83,C*01:84,C*01:85,C*01:86,C*01:87,C*01:88,C*01:89,C*01:90,C*01:91,C*01:92,C*01:93,C*01:94,C*01:95,C*01:96,C*01:97,C*01:98,C*01:99,C*01:100	1	1C				True

Epitope Type Nameを入力し、にチェックを入れ、OKをクリック  
Epitope Type Nameはcsvファイル名と同じで構いません  
インポート終了画面が表示されますのでOKをクリック  
Closeをクリックして終了 (Saveをクリックしないでください)

# インポート手順-4



Epitope Management

## HLA Fusion™

Epitope Type: **HMM-CL01-0817-CAT-00** Class: Class I

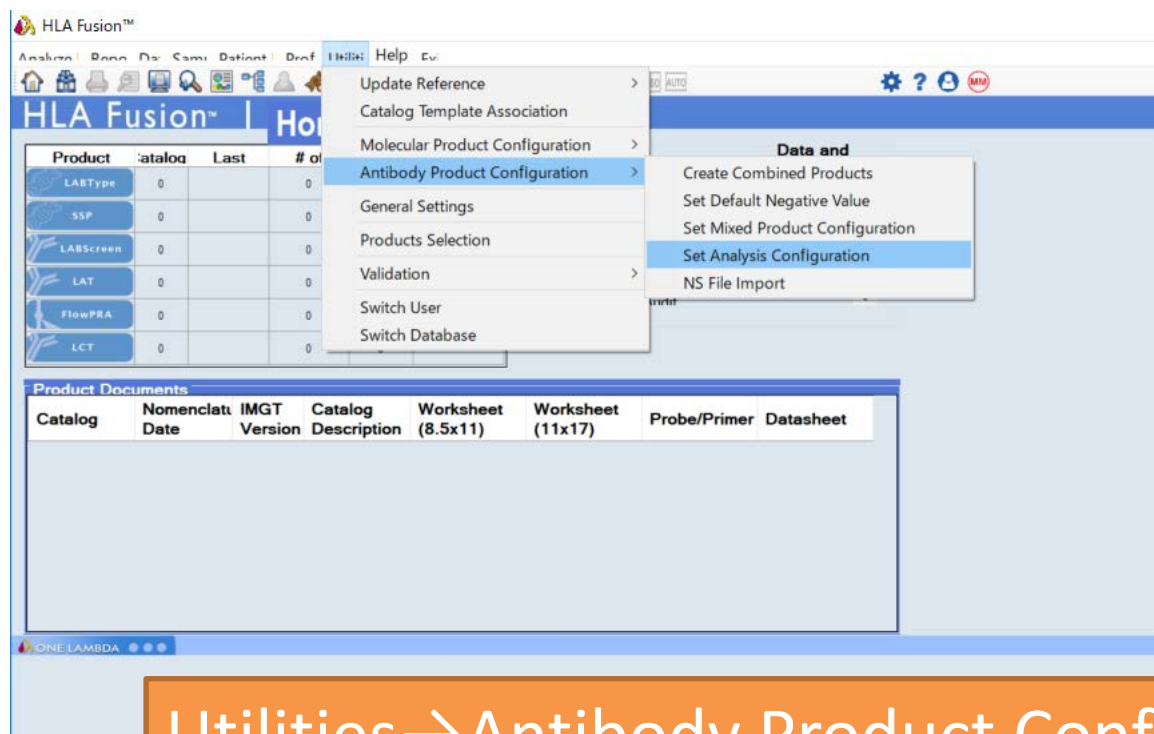
Group	Alleles	AA Position	Polymorphic Res	Frequency	Struct Epitope	Exposed	
1C	C*01:02,C*02:02,C*02:10,C*05:01,C*06:02,C*07:01,C*07:02,C*07:04,C*08:01,C*08:02,C*12:02,C*12:03,C*14:02,C*15:02,C*16:01,C*18:01,C*18:02,C*01:03,C*01:04,C*01:05,C*01:06,C*01:07,C*07:09,C*07:10,C*07:11,C*07:12,C*07:13,C*07:14,C*07:15,C*07:16,C*07:17,C*07:18,C*07:19,C*07:20,C*07:21,C*07:22,C*07:23,C*07:24,C*07:25,C*07:26,C*07:27,C*07:28,C*07:29,C*07:30,C*07:31,C*07:35,C*07:36,C*07:37,C*07:38,C*07:39,C*07:40,C*07:41,C*07:42,C*07:43,C*07:44,C*07:45,C*07:46,C*07:47,C*07:48,C*07:49,C*07:50,C*07:51,C*07:52,C*07:53,C*07:54,C*07:56,C*07:57,C*07:58,C*07:59,C*07:60,C*07:62,C*07:63,C*07:64,C*07:66,C*07:67,C*07:68,C*07:69,C*07:70,C*07:71,C*07:72,C*08:03,C*08:04,C*08:05,C*08:06,C*08:07,C*08:08,C*08:09,C*08:10,C*08:11,C*08:12,C*08:13,C*08:14,C*08:15,C*08:16,C*08:17,C*08:18,C*08:19,C*08:20,C*08:21,C*08:22,C*08:23,C*12:04,C*12:05,C*12:06,C*12:07	1	1C				True

スライド6,7の操作を繰り返し、3つのファイルがリストに表示されることを確認し、インポート完了です。  
Closeをクリックして画面を閉じます。  
Saveをクリックしないでください。

Saveをクリックしないでください  
Saveをクリックしますと、一部のデータが保存されません。

# 解析の設定-1

インポートした情報を解析の際に使用するための設定をします。



Utilities→Antibody Product Configuration→  
Set Analysis Configurationの順にクリック

# 解析の設定-2

Product Type : LABScreen Single Antigenを選択

先ほどインポートしたファイルを選択

Save→Closeの順にクリックして終了です。

